

# Notice of Allowability

Application No.

10/782,172

Examiner

Bernard Dentz

Applicant(s)

DESSAU, RALPH M.

Art Unit

1625

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amdt. of 8-12-2005.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

### Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 8-12-2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

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An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Carroll on 9-6-2005.

The application has been amended as follows: Claim 10, line 1, before "process" - - epoxidation - - has been inserted.

The following is an examiner's statement of reasons for allowance: None of the references or combinations thereof teach or suggest a single step process for making a titanium-zeolite-noble metal containing catalyst.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bernard Dentz whose telephone number is 571-272-0683. The examiner can normally be reached on Mon.-Fri. 8AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Cecilia Tsang can be reached on 571-272-0562. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

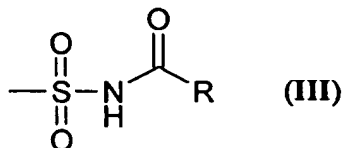
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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Dentz  
9-14-2005

*B. Dentz*  
BERNARD DENTZ  
PRIMARY EXAMINER  
GROUP 1625

(iii) a group of formula (III):

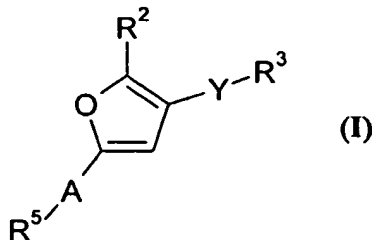


wherein R is optionally substituted C<sub>1-7</sub> alkyl, C<sub>5-20</sub> aryl or NR<sup>N3</sup>R<sup>N4</sup>, where R<sup>N3</sup> and R<sup>N4</sup> are independently selected from

5 optionally substituted C<sub>1-4</sub> alkyl;

(iv) tetrazol-5-yl.

19. A compound of formula (I):



10 or a salt, solvate and chemically protected form thereof, wherein:

R<sup>2</sup> is H or an optionally substituted C<sub>1-4</sub> alkyl group;

Y is either -(CH<sub>2</sub>)<sub>n</sub>-X-, where n is 1 or 2 and X is O, S, S(=O), S(=O)<sub>2</sub>, or NR<sup>N1</sup>, where R<sup>N1</sup> is selected from H or

15 optionally substituted C<sub>1-4</sub> alkyl, or Y is -C(=O)NR<sup>N2</sup>-, where R<sup>N2</sup> is selected from H, and optionally substituted C<sub>1-7</sub> alkyl or C<sub>5-20</sub> aryl;

R<sup>3</sup> is an optionally substituted C<sub>6</sub> aryl group linked to a further optionally substituted C<sub>6</sub> aryl group, wherein if  
20 both C<sub>6</sub> aryl groups are benzene rings, there may be an oxygen bridge between the two rings, bound adjacent the link on both rings;

A is a single bond or a C<sub>1-3</sub> alkylene group; and

R<sup>5</sup> is either:

25 (i) carboxy;

(ii) a group of formula (II):